



TEXAS DEPARTMENT OF HEALTH
AUSTIN, TEXAS
MEMORANDUM

TO: immunization Program Managers/Coordinators
Nurse Directors
WIC Directors
Regional Medical Directors, Public Health Regions
Chief, Bureau of Regional/Local Health Operations
Chief, Bureau of Nutrition Services

FROM: Linda S. Linville, MS., R.N. *Q's for LR 1/26/01*
Chief, Bureau of Immunization and Pharmacy Support

DATE: January 25, 2001

SUBJECT: Recommended Childhood Immunization Schedule-United States, 2001

The attached 2001 Recommended Childhood Immunization Schedule was issued by the Advisory Committee on Immunization Practices (ACIP), the American Academy of Pediatrics (AAP), and the American Academy of Family Physicians (AAFP). This schedule should be implemented in WIC clinics and all public health clinics. Additional copies of the recommended childhood immunization schedule can be downloaded from: <http://www.gov.cdc/mmwr/preview/mmwrhtml/mm5001a3.htm> located on the Centers for Disease Control and Prevention (CDC) website or from the Texas Department of Health (TDH) website located at: http://www.tdh.state.tx.us/immunize/2001_schd.htm. If you would like an electronic copy, please contact Ms. Veronica Primeaux at (512) 458-7284 or by e-mail at: veronica.primeaux@tdh.state.tx.us.

Several significant changes have been made since the publication of the 2000 immunization schedule. These changes include:

- the schedule is for children through 18 years of age
- the vaccine for polio is designated as Inactivated Polio instead of Polio
- Pneumococcal Conjugate Vaccine has been added to the routine schedule
- OPV use for special circumstances is described

For additional information concerning the above statements, please read the footnotes to the immunization schedule. Please refer to the package inserts for each vaccine/toxoid for critical information such as dosage, number of doses needed, dosing intervals, and the

minimum/maximum ages for administration of the vaccine/toxoid. ACIP statements for each recommended childhood vaccine can be viewed, downloaded, and printed from CDC's National Immunization Program world-wide website located at <http://www.cdc.gov/nip/publications/ACIP-list.htm>.

Attachments

CC: Debra C. Stabeno, M.P.H.
Deputy Commissioner for Programs

Sharilyn K. Stanley, M.D.
Associate Commissioner for Disease Control and Prevention

[Text alternative for Immunization Schedule](#)

Recommended Childhood Immunization Schedule

United States, January - December 2001

Vaccines¹ are listed under routinely recommended ages. Bars indicate range of recommended ages for immunization. Any dose not given at the recommended age should be given as a “catch-up” immunization at any subsequent visit when indicated and feasible. Ovals indicate vaccines to be given if previously recommended doses were missed or given earlier than the recommended minimum age.

Age Vaccine	Birth	1 mo	2 mos	4 mos	6 mos	12 mos	15 mos	18 mos	24 mos	4-6 yrs	11-12 yrs	14-18 yrs
Hepatitis B ²	Hep B #1		Hep B #2		Hep B #3						Hep B ²	
Diphtheria, Tetanus, Pertussis ³			DTaP	DTaP	DTaP		DTaP			DTaP	Td	
H. influenzae type b ⁴			Hib	Hib	Hib	Hib						
Inactivated Polio ⁵			IPV	IPV	IPV					IPV ⁵		
Pneumococcal Conjugate ⁶			PCV	PCV	PCV	PCV						
Measles, Mumps, Rubella ⁷						MMR				MMR ⁷	MMR ⁷	
Varicella ⁸						Var					Var ⁸	
Hepatitis A ⁹									Hep A - in selected areas ⁹			

Bars indicated range of recommended ages.

Recommended in certain states and/or regions.

Ovals indicate vaccines to be given if previous recommended doses were missed or given earlier than the recommended minimum age.

Approved by the Advisory Committee on Immunization Practices (ACIP), the American Academy of Pediatrics (AAP), and the American Academy of Family Physicians (AAFP).

¹This schedule indicates the recommended ages for routine administration of currently licensed childhood vaccines as of 11/1/99. Additional vaccines may be licensed and recommended during the year. Licensed

combination vaccines may be used whenever any components of the combination are indicated and its other components are not contraindicated. Providers should consult the manufacturers' package inserts for detailed recommendations.

²Infants born to HBsAg-negative mothers should receive the 1st dose of hepatitis B (Hep B) vaccine by age 2 months. The 2nd dose should be at least one month after the 1st dose. The 3rd dose should be administered at least 4 months after the 1st dose and at least 2 months after the 2nd dose, but not before 6 months of age for infants.

Infants born to HBsAg-positive mothers should receive hepatitis B vaccine and 0.5 mL hepatitis B immune globulin (HBIG) within 12 hours of birth at separate sites. The 2nd dose is recommended at 1-2 months of age and the 3rd dose at 6 months of age.

Infants born to mothers whose HBsAg status is unknown should receive hepatitis B vaccine within 12 hours of birth. Maternal blood should be drawn at the time of delivery to determine the mother's HBsAg status; if the HBsAg test is positive, the infant should receive HBIG as soon as possible (no later than 1 week of age).

All children and adolescents (through 18 years of age) who have not been immunized against hepatitis B may begin the series during any visit. Special efforts should be made to immunize children who were born in or whose parents were born in areas of the world with moderate or high endemicity of hepatitis B virus infection.

³The 4th dose of DTaP (diphtheria and tetanus toxoids and acellular pertussis vaccine) may be administered as early as 12 months of age, provided 6 months have elapsed since the 3rd dose and the child is unlikely to return at age 15-18 months. Td (tetanus and diphtheria toxoids) is recommended at 11-12 years of age if at least 5 years have elapsed since the last dose of DTP, DTaP or DT. Subsequent routine Td boosters are recommended every 10 years.

⁴Three *Haemophilus influenzae* type b (Hib) conjugate vaccines are licensed for infant use. If PRP-OMP (PedvaxHIB® or ComVax® [Merck]) is administered at 2 and 4 months of age, a dose at 6 months is not required. Because clinical studies in infants have demonstrated that using some combination products may induce a lower immune response to the Hib vaccine component, DTaP/Hib combination products should not be used for primary immunization in infants at 2, 4 or 6 months of age, unless FDA-approved for these ages.

⁵An all-IPV schedule is recommended for routine childhood polio vaccination in the United States. All children should receive four doses of IPV at 2 months, 4 months, 6-18 months, and 4-6 years. Oral polio vaccine (OPV) should be used only in selected circumstances. (See MMWR May 19, 2000/49 (RR-5); 1-22)

⁶The heptavalent conjugate pneumococcal vaccine (PCV) is recommended for all children 2-23 months of age. It also is recommended for certain children 24-59 months of age. (See MMWR Oct. 6, 2000/49 (RR-9); 1-35)

⁷The 2nd dose of measles, mumps, and rubella (MMR) vaccine is recommended routinely at 4-6 years of age but may be administered during any visit, provided at least 4 weeks have elapsed since receipt of the 1st dose and that both doses are administered beginning at or after 12 months of age. Those who have not previously received the second dose should complete the schedule by the 11-12 year old visit.

⁸Varicella (Var) vaccine is recommended at any visit on or after the first birthday for susceptible children, i.e. those who lack a reliable history of chickenpox (as judged by a health care provider) and who have not been immunized. Susceptible persons 13 years of age or older should receive 2 doses, given at least 4 weeks apart.

⁹Hepatitis A (Hep A) is shaded to indicate its recommended use in selected states and/or regions; consult your local public health authority. (Also see MMWR Oct. 01, 1999/48(RR12); 1-37).

Source: Advisory Committee on Immunization Practices (ACIP), American Academy of Family Physicians (AAFP), and American Academy of Pediatrics (AAP)

For additional information about the vaccines listed above, please visit the National Immunization Program Home Page at <http://www.cdc.gov/nip/> or call the National Immunization Hotline at 800 232-2522 (English) or 800 232-0233 (Spanish). Link to CDC's 2001 Schedule: <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5001a3.htm>



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